

1 ABSTRACT

2 The present invention relates to a method and apparatus for chromatographically  
3 analyzing each of a plurality of samples in detector, comprising an autosampler to contain  
4 a plurality of samples for chromatographic analysis and a plurality of chromatographic  
5 systems, each system comprising one or more pumps and one or more chromatography  
6 columns. A detector is included for detecting compounds in the samples from each of the  
7 chromatography systems along with a valve positioned between the detector and the  
8 plurality of chromatography systems, the valve permitting each sample to reach the  
9 detector in sequence. A computer control device is included which adjusts the  
10 introduction of samples from the autosampler into the plurality of chromatography  
11 systems as well as the position of the valve to sequentially separate and deliver  
12 compounds within the samples to the detector.